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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Att. Application of: Thomas E. Drake, Jr.
Serial No. 10/668,896
Filing Date: September 23, 2003
Examiner: Lee, Hwa S.
Group Art Unit: 2877
Title: METHOD AND APPARATUS FOR DETECTING ULTRASONIC SURFACE
DISPLACEMENTS USING POST-COLLECTION OPTICAL AMPLIFICATION

Certification Under 37 C.F.R. 1.8**Date of Mailing: June 9, 2005**

I hereby certify that I have caused the documents indicated herein to be deposited with the United States Postal Service via First Class Mail to Addressee under 37 CFR § 1.8 and addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 and mailed on the above Date of Mailing.

Rebecca J. Morrison

**INFORMATION DISCLOSURE
STATEMENT UNDER 37 CFR § 1.97(b)(1)**

Dear Sir:

Applicant respectfully requests, pursuant to 37 C.F.R. §§ 1.97 and 1.98, that the art listed on the attached PTO-1449 form be considered and cited in the examination of the above-identified application. A copy of the art is enclosed for the convenience of the Examiner.

Citation of the documents shall not be construed as:

- 1) an admission that the documents are necessarily prior art with respect to the instant invention;
- 2) a representation that a search has been made, other than as described above; or
- 3) an admission that the information cited herein is, or is considered to be, material to patentability as defined in § 1.56(b).

While Applicants believe no fees are due, if any fees are due, the Commissioner is hereby authorized to charge Deposit Account No. 50-2240 of Koestner Bertani, LLP.

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Should the Examiner have any questions or desire further clarification, the Examiner is invited to telephone the undersigned at the number listed below. Please reference Attorney Docket No. 1017.P021USC7.

Respectfully submitted,

By: 

Robert A. McLauchlan
Reg. No. 44,924

ATTORNEY FOR APPLICANT

Dated: June 9, 2005

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FORM PTO-1449
US Department of Commerce
Patent and Trademark Office

JUN 13 2005

Docket Number
1017.P021USC7

Serial Number
10/668,896

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT
(Use Several Sheets if Necessary)**

Filing Date
September 23, 2003

Group Art Unit
2877

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	X	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A1	3,911,733	10/14/75	Bhuta, et al.	73	88	4/1/74
	A2	3,992,627	11/16/76	Stewart	250	312	4/9/75
	A3	4,349,112	9/14/82	Wilks, et al.	209	538	3/31/80
	A4	4,355,538	10/26/82	Hall	73	811	2/26/81
	A5	4,422,177	12/20/83	Mastronardi, et al.	378	17	6/16/82
	A6	4,803,639	2/7/89	Steele, et al.	364	507	2/25/86
	A7	4,809,308	2/28/89	Adams, et al.	378	99	2/20/86
	A8	4,841,460	6/20/89	Dewar, et al.	364	571.02	9/8/87
	A9	5,014,293	5/7/91	Boyd, et al.	378	197	10/4/89
	A10	5,065,630	11/19/91	Hadcock, et al.	73	802	6/12/90

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	B1							X

OTHER DOCUMENTS
(Including Author, Title, Date, Pertinent Pages, Etc.)

C1	NTIAC Newsletter; Vol. 27, No. 5, September 2002, 5 pp.
C2	Froom, Douglas A., et al.; Solving Problems with Advanced Technology, 1999 IEEE, 4 pp.
C3	Alkire, M.G., Department of the Air Force Memo regarding Construction Project Data; May 7, 1982, Bates 000010 through Bates 000068
C4	U.S. Air Force, Military Construction Project Data, April 14, 1982, Bates 000074 though Bates 000129
C5	U.S. Air Force, Attachment I to Request for Environmental Impact Analysis, December 2, 1982, Bates 000130 through Bates 000167
C6	Stanghellini, Frank D., Department of the Air Force Memo regarding Criteria Changes, January 9, 1985, Bates 000168 through Bates 000214
C7	Metro Today, The Sacramento Union; May 12, 1983, Bates 000215 through Bates 000216
C8	Letter Contract Between Department of the Air Force and Par Systems Corp., August 3, 1984, Bates 000217 through Bates 000312
C9	Timeline and Equipment List for Contract Between Department of the Air Force and Par Systems Corp., August 3, 1984, Bates 000313 through Bates 000325

EXAMINER	DATE CONSIDERED

FORM PTO-1449 US Department of Commerce Patent and Trademark Office		Docket Number 1017.P021USC7	Serial Number 10/668,896
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EXAMINER INITIAL	X	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A11	5,113,079	5/12/92	Matulka	250	550	9/5/90
	A12	5,119,408	6/2/92	Little, et al.	378	4	10/31/90
	A13	5,122,672	6/16/92	Mansour	250	571	9/7/90
	A14	5,140,533	8/18/92	Celette	364	559	3/22/90
	A15	5,295,073	3/15/94	Celette	364	424	10/3/91
	A16	5,319,567	6/7/94	Ebenstein	364	474.34	12/3/93
	A17	5,384,717	1/24/95	Ebenstein	364	560	11/23/92
	A18	5,442,572	8/15/95	Kiridena, et al.	364	560	6/2/94
	A19	5,490,195	2/6/96	Berkley	378	72	5/18/94
	A20	5,541,856	7/30/96	Hammermeister	364	552	11/8/93

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							YES	NO
	B1							X

OTHER DOCUMENTS
 (Including Author, Title, Date, Pertinent Pages, Etc.)

C10	Spacemaker, June 19, 1997, Bates 000326 through 000327
C11	Civilian Personnel Position Description, Department of the Air Force; July 10, 1989, Bates 000328 through Bates 000332
C12	Aviation Week & Space Technology, March 13, 1989, Bates 000333 through Bates 000336
C13	UltraOptec, Laser Ultrasonic System, 1999 IEEE, Bates 000337 through Bates 000340
C14	J.W. Bader, et al., Laser Ultrasonics or Alternative NDI Composite Defect, Nov. 20, 1990, Bates 000342 through Bates 000446
C15	Douglas A. Froom, Statement of Work for Advanced Ultrasonic Component Inspection System, July 14, 1993, Bates 000447 through 000490
C16	Award of Contract from Department of the Air Force, August 11, 1993, Bates 000491 through Bates 000492
C17	UltraOptec, LUIS Phase 3 Acceptance Test Report, February 16, 1996, Bates 000493 through Bates 000501
C18	Spacemaker, February 22, 1996, Bates 000502

EXAMINER	DATE CONSIDERED
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	A21	5,552,984	9/3/96	Crandall, et al.	364	424.03	9/16/93
	A22	5,574,226	11/12/96	Reuther, et al.	73	669	4/6/95
	A23	5,637,812	6/10/97	Baker, et al.	73	865.6	11/14/94
	A24	5,848,115	12/8/98	Little, et al.	378	4	5/2/97
	A25	6,023,985	2/15/00	Fournier	73	865.6	3/16/98
	A26	6,047,041	4/4/00	Ellinger	378	58	9/8/97
	A27	6,205,240 B1	3/20/01	Pietrzak, et al.	382	152	11/18/97
	A28	6,220,099 B1	4/24/01	Marti, et al.	73	633	1/15/99
	A29	6,360,621 B1	3/26/02	Eldred, et al.	73	865.6	6/25/99
	A30	6,378,387 B1	4/30/02	Froom	73	865.8	8/25/00
	A31	6,466,643 B1	10/15/02	Bueno, et al.	378	58	8/22/00
	A32	6,571,008 B1	5/27/03	Bandyopadhyay, et al.	382	154	8/6/99
	A33	6,637,266 B1	10/28/03	Froom	73	583	2/20/02

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	C5	

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